

SI 26CT

Two-Way Ceiling Speakers with 8" Back Can and Transformer

FEATURES

- 8" (20.3 cm) deep metal back can for plenum environments
- 1" (2.5 cm) pivoting ferrofluid-cooled, titanium-coated dome tweeter
- 6.5" (16.5 cm) long-throw woofer with a tuned bass reflex port
- 16 ohm direct or 70/100 volt operation on a 5 position, behind-the-grille selector:
 - 16 ohm direct
 - 70 volt: 60, 30, 15, and 7.5 watt selectable
 - 100 volt: 60, 30, and 15 watt selectable
- Frequency response: 70 Hz to 20 kHz
- 75 watts continuous pink noise, 150 watts continuous program
- Internal driver overload protection in direct 16 ohm position
- 110° conical dispersion
- Locking arms for quick ceiling installation
- UL plenum rated
- Includes C-ring & V-rail kit
- Grille and bezel are available in white only and may be painted to match environment
- 5 year parts and labor warranty

DESCRIPTION

The Extron **SI 26CT** is a high power, two-way ceiling speaker featuring a coaxial dual driver design, transformer, and an 8" (20.3 cm) metal back can. The SI 26CT is ideal for plenum installations in large classrooms, lecture halls, and auditoriums. A 6.5" (16.5 cm) long-throw woofer coupled to a 1" (2.5 cm) pivoting titanium-coated dome tweeter delivers accurate voice and music reproduction, as well as wide angle sound distribution. Special consideration is given to the crossover from the woofer to the tweeter, providing a smooth transition from low to mid frequencies. Voice reproduction from documentaries and live microphones is natural and clear sounding.

Music reproduction is enhanced with the exceptional low-frequency response of the long-throw woofer. Bass is optimized using a tuned port for improved low-frequency response. The pivoting dome tweeter allows aiming of the mid and high frequencies for best area coverage, and matches the high power capability of the woofer with enhanced midrange and high-frequency response for high ceiling applications. Overall response is from 70 Hz to 20 kHz.

This **System INTEGRATOR®** Series speaker is ideally suited for overhead distributed audio applications for music and voice in conference rooms, lecture halls, auditoriums, and other high-ceiling venues requiring high power, plenum-rated ceiling speakers.

SI 26CT speakers are sold in pairs and include a 5 year parts and labor warranty.

The SI 26CT offers both direct 16 ohm or 70/100 volt operation with a behind-the-grille, five position power selector switch. In the 16 ohm direct mode, an input power limiting protection circuit is included for preventing woofer and tweeter damage due to overdriving.

For room balancing with 70/100 volt systems, the behind-the-grille power selector switch allows for 60, 30, 15, and 7.5 watt settings in 70 volt operation and 60, 30, and 15 watt settings for 100 volt operation.

The SI 26CT features four locking arms for a fast and secure hard ceiling installation. C-ring and V-rail mounting hardware for installation in a suspended T-bar ceiling is included. The SI 26CT features a white grille and bezel that can be painted to match the architectural elements of the environment.

System INTEGRATOR®

S P E A K E R S E R I E S



EXTRON CEILING MOUNT KIT

The Extron **Ceiling Mount Kit** is included with the SI 26CT. It is used to install speakers into a suspended T-bar ceiling, providing additional support to prevent damage to the acoustical ceiling tiles.

- Provides structural support for suspended T-bar installations
- Prevents damage to acoustical ceiling tiles
- Two C-rings and four V-rails included in each kit



Ceiling Mount Kit

SPECIFICATIONS

AUDIO / ACOUSTIC AND ELECTRICAL

Speaker type	2-way ceiling speaker with metal back can
Frequency range	70 Hz to 20 kHz, -10 dB, half space
Power capacity	75 W continuous pink noise 150 W continuous program
Nominal sensitivity	89 dB SPL, 1 W @ 1 m, 60 W tap, half space
Nominal impedance	16 ohms
Crossover frequency	3.5 kHz
Nominal coverage	110° conical coverage
Rotary switch taps	70V: 60 W, 30 W, 15 W, 7.5 W, 16 ohms direct 100 V: null, 60 W, 30 W, 15 W, 16 ohms direct
Woofer	6.5" (165 mm) polypropylene cone with moisture resistant coating
Tweeter	1.0" (25 mm) titanium dome
Overload protection	Full range power limiter with the 16 ohm direct input only, protecting the tweeter, woofer, and crossover
Input connector	(1) 5 mm captive screw connector, 4 pole for 1 input and 1 loop-through

GENERAL

Package	2 speakers (1 pair)
Temperature / humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Mounting	Ceiling mountable with included hardware
Enclosure type	Metal back can; high-impact, fire-resistant (UL94V-0) plastic baffle/rim
Enclosure outer dimensions	8.3" H x 9.9" diameter (211 mm x 251 mm diameter) 7.5" (191 mm) from front of ceiling tile to back of rear enclosure 8.397" diameter (227 mm diameter)
Cutout dimensions	8.397" diameter (227 mm diameter)
Product weight	8 lbs (3.6 kg) per each
Shipping weight	26 lbs (12 kg) per pair with mounting kit package
Listings	UL 2043, UL1480
Compliances	CE, NFPA90, NFPA70A
Warranty	5 years parts and labor

NOTE: All nominal levels are at ±10%. Specifications are subject to change without notice.

MODEL

SI 26CT

VERSION DESCRIPTION

Ceiling - 8" Back Can, Pair

PART #

42-070-03